

DEB56

5" & 6" Recessed LED Eyeball

Product Description

The perfect LED downlight for wall lighting and sloped ceilings, the DEB56 from NICOR provides the flexibility for those applications where the standard DLR56 doesn't quite fit. With a 360°/30° range of motion the DEB56 gives you the ability to aim over 900 lumens exactly where it's needed.

Construction

- Durable stamped steel construction with die cast aluminum heat sink routes heat away from electrical components

Optical System

- Polycarbonate diffuser and reflector cone create a uniform light distribution that reduces glare without sacrificing lumen output

Electrical

- Utilizes high performing LEDs with greater than 90 CRI and an R9 greater than 50
- Dimmable to 10% with most standard dimmers
- Thermally protected, high efficiency Class 2 driver standard
- Operating temperature rating of 0°F to 120°F (-18°C – 49°C)
- Input voltage of 120V
- L70 rated for greater than 36,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

- Exterior white powder coat finish, with interior high reflective finish

Installation

- Compatible with most 5" and 6" recessed housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and torsion spring mounting system

Warranty

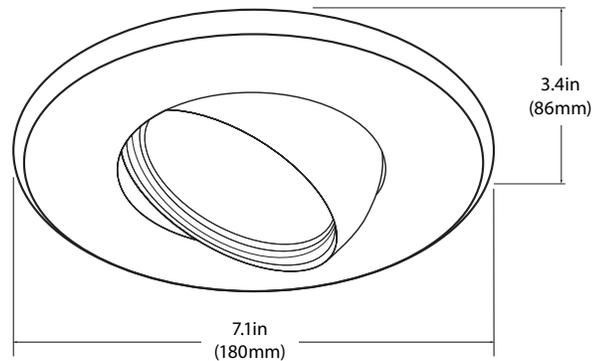
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

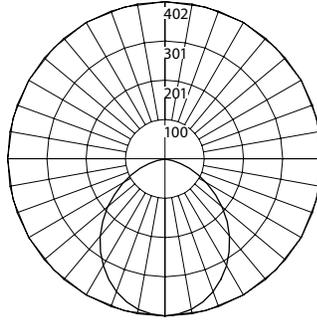
Date



Photometric Data

DEB56 2700K

Input Voltage (VAC)	120V
System Level Power (W)	12.5
Delivered Lumens (Lm)	948
System Efficacy (Lm/W)	75.8
Correlated Color Temp (K)	2741
Color Rendering Index (CRI)	94
Beam Angle	97°
Spacing Criteria	1.18



Intensity Summary (Candle Power)

Angle	Mean CP
0	402
5	399
15	379
25	340
35	288
45	226
55	158
65	94
75	42
85	6
90	0

CCT Data Multiplier

DEB56-20-120-3K	1.024
DEB56-20-120-4K	1.055

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	25.7	4.8
6	11.4	7.1
8	6.4	9.5
10	4.1	11.8
12	2.9	13.7
14	2.1	16.5
16	1.6	18.0

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	301	31.8%
0-40	481	50.7%
0-60	796	84.0%
0-90	948	100.0%
90-180	0	0.0%
0-180	948	100.0%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
DEB56-20-120-2K	948	12.5	75.8
DEB56-20-120-3K	971	12.5	77.7
DEB56-20-120-4K	1000	12.5	80.0

Recommended Dimmers*

Lutron Toggler TGCL-153P
Lutron DIVA DVELV-300P
Lutron DIVA DVELV-303P
Lutron Skylark SELV-300P
Lutron Radio RA RRD-6CL

Housing Compatibility*

17014-LED-ID 6" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING
17014AR-LED-ID 6" LED IC AIRTIGHT REMODEL HOUSING
MOST STANDARD 5" OR 6" RECESSED HOUSINGS

*Not a complete list. Check compatibility before installation.

Ordering Information

Example: DEB-20-120-2K-WH

Series	Version	Voltage	CCT's	Trim Color
DEB56	20 (v 2.0)	120 (120V)	2K (2700 K)	WH (White)
			3K (3000 K)	BK (Black)*
			4K (4000 K)	NK (Nickel)*
				OB (Oil-rubbed Bronze)*

*Only available as special order. Contact NICOR for more info.
Specifications and dimensions subject to change without notice.

Accessories

accessories sold separately

GU24 Socket String

GU24-IDEAL-SKT-STR